# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

Yair REISNER et al

Serial No.:

10/759,033

Filed:

January 20, 2004

For:

METHODS OF TREATING DISEASE BY TRANSPLANTATION OF DEVELOPING

ALLOGENEIC OR XENOGENEIC ORGANS

**OR TISSUES** 

Examiner:

unknown

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Group Art Unit: 1651

Attorney

Docket: 27132

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a PTO Form 1449 which lists citations which may be material to the patentability and examination of the above identified application. Also enclosed are copies of the references cited. These are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. The Examiner is requested to make these citations of official record in this application.

This Information Disclosure Statement under 37 CFR 1.56 is not to be construed as a representation that a search has been made, that additional matter which is material to the examination of this application does not exist, or that any or more of these citations constitutes prior art.

Respectfully submitted,

Martin D. Moynihan

Registration No. 40,338

Dated: June 21, 2006

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# PTO/SB/08a (08-03)

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known Application Number 10/759,033 Filing Date January 20, 2004 First Named Inventor Yair REISNER et al Art Unit 1651 **Examiner Name** unknown

Sheet		1	of 7		Attorney Docket Number	27132		
	<b>_</b>		U.S.	PATENT I	DOCUMENTS			
Examiner Cite Initials* No.		Document Number  Number-Kind Code <sup>2 (if known)</sup>	Publication Date MM-DD-YYYY		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449A/PTO Application Number 10/759,033 INFORMATION DISCLOSURE Filing Date January 20, 2004 STATEMENT BY APPLICANT First Named Inventor Yair REISNER et al (use as many sheets as necessary) Group Art Unit 1651 **Examiner Name** unknown 3 Sheet Attorney Docket Number 27132 OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner Cite item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), T<sup>2</sup> **Initials** No. publisher, city and/or country where published. Naveh-Many et al. "Estrogen Receptors and Biologic Response in Rat Parathyroid 38 Tissue and C Cells", Journal of Clinical Investigation, 90: 2434-2438, 1992. 39 Nelson et al. "Chemokines, Chemokine Receptors, and Allograft Rejection", Immunity, 14: 377-386, 2001. 40 O'Regan et al. "Osteopontin (Eta-1) in Cell-Mediated Immunity: Teaching An Old Dog New Tricks", Immunology Today, 21(10): 475-478, 2000. 41 Oliver et al. "Metanephric Mesenchyme Contains Embryonic Renal Stem Cells", AJP - Renal Physiology, 283: 799-809, 2002. 42 Otonkoski et al. "Differentiation and Maturation of Porcine Fetal Islet Cells In Vitro and After Transplantation", Transplantation, 68(11): 1674-1683, 1999. 43 Pratt et al. "Local Synthesis of Complement Component C3 Regulates Acute Renal Transplant Rejection", Nature Medicine, 8(6): 582-587, 2002. 44 Reisner et al. "The Trimera Mouse: Generating Human Monoclonal Antibodies and An Animal Model for Human Diseases", Trends in Biotechnology, 16: 242-246, 45 Rogers et al. "Transplantation of Rat Metanephroi Into Mice", Am. J. Physiol. Regul. Integr. Comp. Physiol., 280: R1865-R1869, 2001. 46 Rogers et al. "Transplantation of Metanephroi After Preservation In Vitro", The American Journal of Physiology - Regulatory, Integrative and Comparative Physiology, 281: 661-665, 2001. 47 Rogers et al. "Transplantation of Developing Metanephroi Into Adult Rats", Kidney International, 54: 27-37, 1998. 48 Rogers et al. "Transplantation of Metanephroi Across the Major Histocompatibility Complex in Rats", The American Journal of Physiology - Regulatory, Integrative and Comparative Physiology, 280: 132-136, 2001. 49 Schumacher et al. "Transplantation of Embryonic Porcine Mesencephalic Tissue in Patients With PD", Neurology, 54(5): 1042-1050, 2000. 50 Schwartz "Models of T Cell Anergy: Is There A Common Molecular Mechanism", The Journal of Experimental Medicine, 184: 1-8, 1996. 51 Soria et al. "Insulin-Secreting Cells Derived From Embryonic Stem Cells Normalize Glycemia in Streptozotocin-Induced Diabetic Mice", Diabetes, 49: 1-6, 2000. 52 Subramanian "Cell Transplantation for the Treatment of Parkinson's Disease", Seminars in Neurology, 21(1): 103-115, 2001. 53 Sayegh et al. "The Role of T-Cell Costimulatory Activation Pathways in Transplant Rejection", The New England Journal of Medicine, 338(25): 1813-1821, 1998. 54 Schuldiner et al. "Effects of Eight Growth Factors on the Differentiation of Cells Derived From Human Embryonic Stem Cells", Proc. Natl. Acad. Sci. USA, 97(21):

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